

Testing and Evaluation—Glenn Facilities



*Graphics and
Visualization Lab*

*9- by 15-Foot
Low-Speed
Wind Tunnel*



*The 2.2-Second
Drop Tower in
the Zero-Gravity
Research Facility*

Icing Research Tunnel



*Aero-Acoustic
Propulsion
Laboratory*

Glenn can provide opportunities for
Research in a variety of areas that
will allow you to
Observe, learn, experience, create,
and collaborate and
Work in an environment that will
expand your talents.



Research and Technology Directorate

Dr. Mark (David) Kankam
University Affairs Officer
NASA Glenn Research Center
21000 Brookpark Road, MS 49-5
Cleveland, OH 44135

Phone: 216-433-6143
Fax: 216-977-7133 and 216-433-3687
E-mail: Mark.D.Kankam@nasa.gov
<http://rt.grc.nasa.gov/university-affairs/>

PS-00436-0311

National Aeronautics and
Space Administration



Undergraduate Student Research USRP



program

NASA Undergraduate Student Research Program (USRP)

Be a part of NASA's discoveries!
Learn from NASA experts!



Description

USRP offers undergraduates from across the United States mentored research experiences at NASA Glenn Research Center and other NASA centers.

Objectives

- Attract undergraduate students from the widest array of backgrounds and students who represent American racial, ethnic, and cultural diversity
- Provide students with hands-on, challenging research experiences that stimulate and sustain student interest in exploration, space operations, aeronautics, and science
- Extend and strengthen NASA's commitment to educational excellence and university research
- Highlight the need to increase the Nation's undergraduate and graduate Science, Technology, Engineering and Mathematics (STEM) skill base



Power the Future!

Eligibility

<http://www.epo.usra.edu/usrp/students/eligibility/>

To apply students must meet the following criteria:

- U.S. citizen
- Full-time, high-performing rising junior or senior in accredited U.S. college or university
- Currently studying for an academic major or demonstrated course work in engineering, mathematics, computer science, or physical and life sciences
- Minimum cumulative GPA of 3.0 on a scale of 4.0
- Available the entire duration of the program

Program Duration

- 10-week summer session (40 hr/week)
- 15-week fall or spring session (40 hr/week)

How to Apply

<http://intern.nasa.gov>

USRP Information

<http://www.epo.usra.edu/usrp/>

Glenn Contact

Contact: Dr. Mark (David) Kankam
University Affairs Officer
Phone: 216-433-6143
Fax: 216-977-7133
E-mail: Mark.D.Kankam@nasa.gov

<http://rt.grc.nasa.gov/university-affairs/ngffp>



Ballistic cannon in Glenn Ballistic Impact Testing Facility

Why Intern at NASA Glenn?

- Work on projects that support NASA's Mission
- Be mentored by NASA scientists and engineers
- Network with other demographically and ethnically diverse students
- Put your academic work to the test
- Help develop technologies for the next generation of aircraft
- Provide support for the power and propulsion systems on spacecraft of the future
- Learn how Glenn is working on the latest green energy and new human health technologies
- Work in unique Glenn facilities and labs



Next Generation